What is claimed is:

1.An optical-controlled and voice-controlled optical fiber skipping-rope, including a voice-controlled constructional body and an optical-controlled constructional body;

—Voice-controlled structure: consists of a upper under and a under cover ; while the upper cover is equipped in its center with a press hole, whose side face is equipped with multiple voice hole; besides, the under cover is equipped with anterior and posterior locking holes, the connection part of its upper cover and lower cover is equipped with a button, an integrated circuit board, a fixing sleeve head, an illuminant and a double cell, wherein, the fixed seat of the button is placed on the integrated circuit board;

—Optical-controlled structure: consists of upper cover and under cover , wherein, the upper cover is equipped in its center with a press hole, the under cover is equipped with anterior and posterior locking holes; while the connection part of upper cover and under cover is equipped with a button, an integrated circuit board, a fixing sleeve head, an illuminant and a double cell, wherein, the fixed seat of the button is placed on the integrated circuit board;

—luminescence constructional body

The product of this invention is formed by the mutual connection of the voice-controlled structure, optical-controlled structure & plastic optical fiber structure, having the features of practicability, security, warning, aesthetics & amusement.

2.An optical-controlled and voice-controlled optical fiber skipping- rope to claim 1, wherein the integrated circuit board is equipped thereon with a buzzer and music chip to serve for music control.

3. An optical-controlled and voice-controlled optical fiber skipping- rope to claim 1, wherein the fixing foot of the fixing sleeve head of the voice-controlled structure is placed on the integrated circuit board; while the fixing sleeve head is also covering the illuminant.

4. An optical-controlled and voice-controlled optical fiber skipping-rope to claim 1, wherein the neck formed by the front end of the closing of upper cover and under cover of the voice-controlled structure is covering the tapered sleeve head and is connecting with the luminescence constructional body.

5. An optical-controlled and voice-controlled optical fiber skipping-rope to claim 1, wherein the integrated circuit board is equipped thereon with an optical-controlled chip to serve for optical fiber optical- control.

6. An optical-controlled and voice-controlled optical fiber skipping-rope to claim 1, wherein the fixing foot of the fixing sleeve head of the optical-controlled structure is placed on the integrated circuit board; while the fixing sleeve head is also covering the illuminant.

7. An optical-controlled and voice-controlled optical fiber skipping- rope to claim 1, wherein the neck formed by the front end of the closing of upper cover and lower cover of the optical-controlled structure is covering the

tapered sleeve head and is connecting with the luminescence constructional body.

8.An optical-controlled and voice-controlled optical fiber skipping- rope to claim 1, wherein the luminescence constructional body that optical plastic fiber and light-emitting diode and lamp and luminescence pharmaceutical preparation constructional body.

9.An optical-controlled and voice-controlled optical fiber skipping- rope to claim 1, wherein optical fiber skipping-rope has single-control and double-control.